

Rencontres des Jeunes Physicien·ne·s 2021

mardi 16 mars 2021

Oral presentations session (14:10 - 15:10)

time	[id] title	presenter
14:10	[24] Stellar nucleosynthesis and superheavy nuclei in our Universe and in the lab!	Mlle FAVIER, Zoé
14:30	[6] Theoretical prototype of a Hodgkin-Huxley neuron with 2D nanofluidic memristors	ROBIN, Paul
14:50	[7] How does antimatter fall?: focus on GBAR experiment (CERN)	ROUSSELLE, Olivier

Oral presentations session (16:00 - 17:20)

time	[id] title	presenter
16:00	[22] Investigating dense matter using Neutron Star observations	Mlle SULEIMAN, Lami
16:20	[17] A new born hypothesis for the Madden-Julian Oscillation (MJO)	ROSTAMI, Masoud
16:40	[21] JT-60SA Tokamak Toroidal Field Coils Quench Analyses with STREAM New Analytical Model	GORIT, Quentin

mercredi 17 mars 2021**Oral presentations session (14:00 - 14:40)**

time	[id] title	presenter
14:00	[23] Nonlinear neural network dynamics accounts for human confidence in a sequence of perceptual decisions	BERLEMONT, Kevin
14:20	[42] A thin solid hydrogen target for ion acceleration at a high repetition rate	VISWANATHAN, Jeyathanan

Oral presentations session (16:10 - 17:10)

time	[id] title	presenter
16:10	[8] Unveiling nanoscale optical and structural properties of TMD monolayers using combined electron spectroscopies techniques	BONNET, Noémie
16:30	[9] Globular clusters - Milky Way and beyond	JAIN, Rashi
16:50	[30] Axion hot dark matter bound, reliably	PIAZZA, Gioacchino

jeudi 18 mars 2021**Oral presentations session (14:00 - 15:20)**

time	[id] title	presenter
14:00	[36] Probing inflation with cosmological observations	MONTANDON, Thomas
14:20	[12] New coarse grained approach to study polymer networks	M. MUNOZ, Gérald
14:40	[38] Nuclear Structure and alpha radioactivity	MERCIER, Florian
15:00	[25] EFT and Top quark spin observables	TNOURJI, abdellah

Oral presentations session (15:40 - 17:20)

time	[id] title	presenter
15:40	[13] Multi-messenger Transient Astrophysics with very-high energy gamma rays	ASHKAR, Halim
16:00	[5] Survival probability of a run-and-tumble particle in the presence of a drift	DE BRUYNE, Benjamin
16:20	[29] modeling and interpretation of spectral properties of primeval galaxies	PLAT, adele
16:40	[33] Study of Mott materials for neuromorphic applications using a simple circuit model	ROCCO, Rodolfo
17:00	[19] SHG origin in Gold Nanoantennas	MATHEW, Sanro